

Reviewer _____ Permit # 06S126 P5
Date _____ Company _____
Well # _____
Location: _____/4; Sec _____, T _____ N, R _____ E; _____ F _____ L, _____ F _____ L

TECHNICAL REVIEW

Type of Injection Well: [EOR/SWD/ HC Storage] [New/Conversion] [Active/Inactive]
Injection: [Continuous/Cyclic]
Approximate # Days operating/year _____
Rate (B/D): Average _____ Maximum _____
Wellhead Pressure (psi): Average _____ Maximum _____
Fluid: TDS _____ SP.GR. _____ Analysis Included: [Yes/No]
Source (Formation Name): _____

Geologic Data (All references to depths are below land surface)
Base of Historical Usable Water: _____
Base of USDW and How Determined: _____
Injection Interval: Top _____ Bottom _____ Effective Thickness _____
Formation Name _____ Lithology _____
Porosity (%) _____ Initial Reservoir Pressure _____ Date _____
Permeability (md) _____
Confining Zones: Thickness between injection zone & USDW _____
Lithology _____
Cumulative Shale _____ Thickest Shale Zone _____
(Interval)

Well Data: (All references to depths are below land surface)
Surface Elevation _____ (KB/GL) Total Depth _____
Date Drilled or to be Drilled _____ Plugged Back Depth _____
Date Converted _____
Type Logs Available(this well/offset well): (By reference/included) _____
Test Data (By reference/included) _____

Construction:	Size (In.)	Depth Interval	Sacks of Cement	Hole Size	Cement Interval	How Determined
Surface Csg.						

Intermediate Csg.					
Long String Csg.					
Liner Csg.					
Tubing			Packer type & depth		

ft / ft ³	Lin. ft.		ft ³ /	# of	Total ft ³	Lin
Type Cement	=	Sx.	X	Sx.	of Cement	X from tables = of
Cement						

Area of Review (AOR) (1/4 mile - Osage; 1/2 mile - O.I.L.)

Map Submitted: (Yes/No)	Tabulation of Wells Submitted: (Yes/No)
Faults Located: (Yes/No); (None Present/Distance from injection well)
Number of Wells in AOR: Abandoned	Production SWD
EOR	
Number of Wells in Zone of Endangering Influence	
Number of Wells Requiring Corrective Action: SWD	EOR
Well	Well Type Problem Corrective Action
Required	

Maximum Injection Pressure Calculation: $P_m = (\text{Frac Gradient} - (.433 \times \text{SP.GR.})) \times \text{Depth}$

$P_m = (.75 - (.433 \times)) \times =$

(Psi)